

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054831.D
 Acq On : 31 Mar 2019 4:50
 Operator : JC/SP
 Sample : K2153-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Apr 01 01:54:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

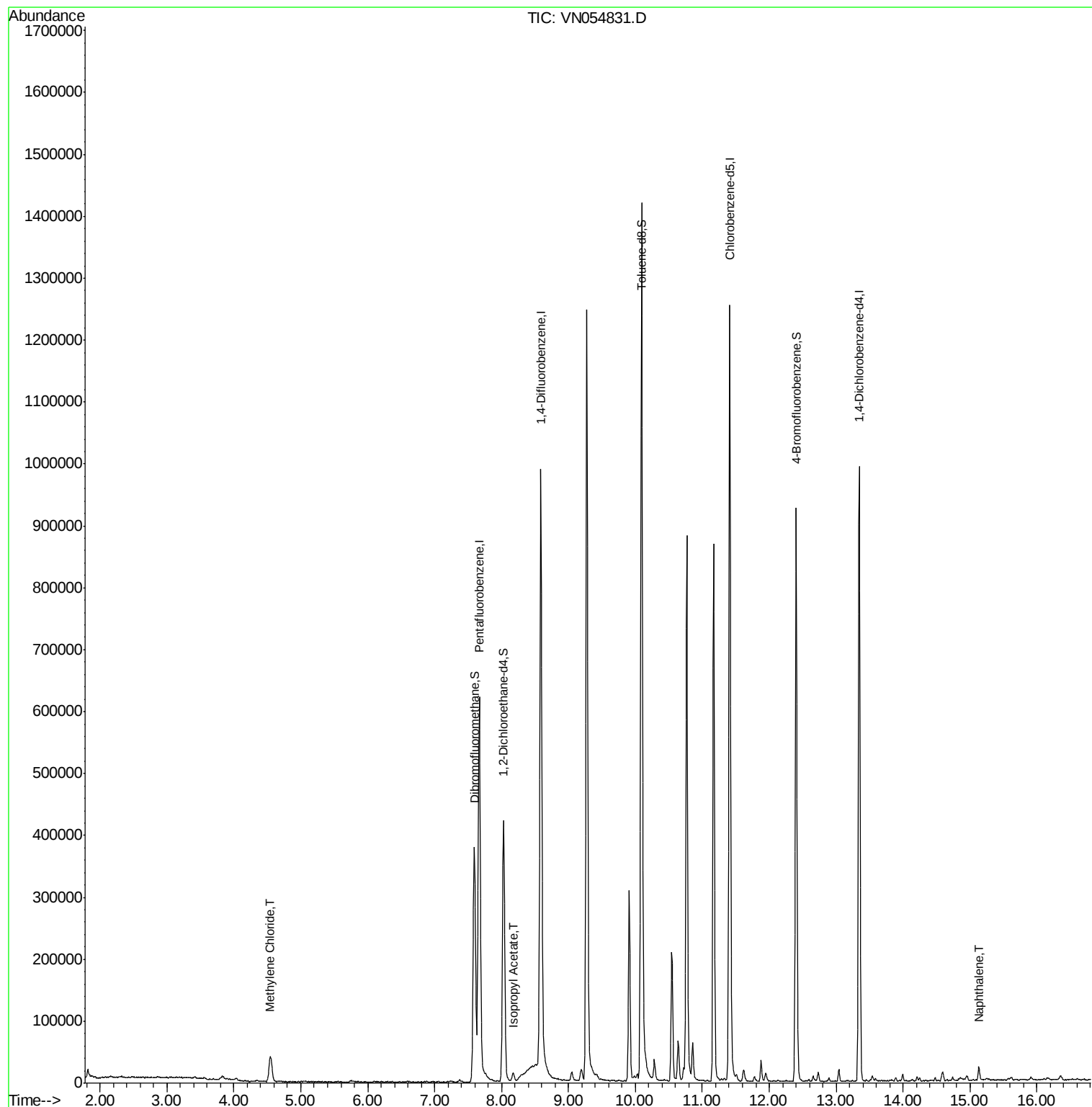
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	538691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362063	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	280040	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.09	98	1056677	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	320646	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
20) Methylene Chloride	4.55	84	29065	4.758	ug/l	86
43) Isopropyl Acetate	8.18	43	14623	1.501	ug/l	98
95) Naphthalene	15.13	128	16343	1.698	ug/l #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

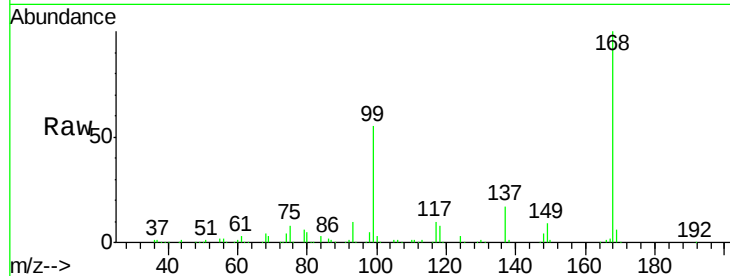
SP-2

Tot Ion:168 Resp: 538691

Ion Ratio Lower Upper

168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

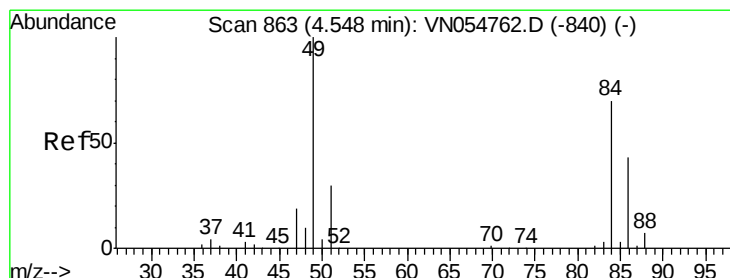
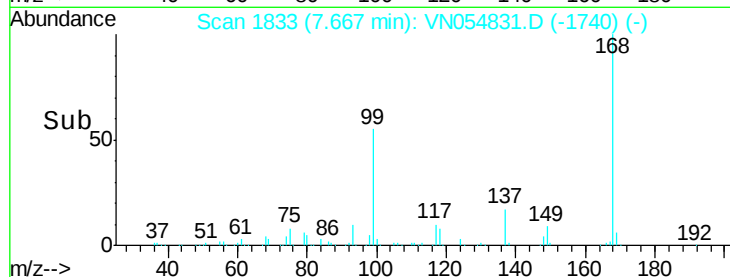
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.758 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Tgt Ion: 84 Resp: 29065

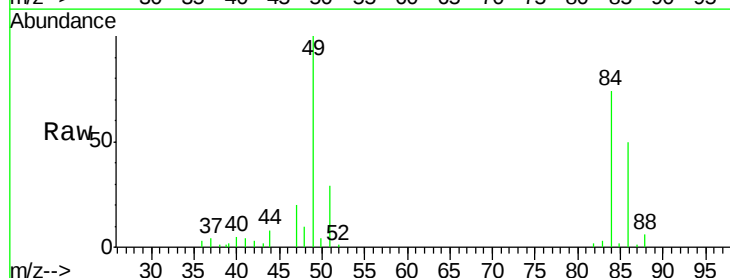
Ion Ratio Lower Upper

84 100

49 134.5 89.7 134.5

51 39.6 28.2 42.4

86 67.8 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

20000

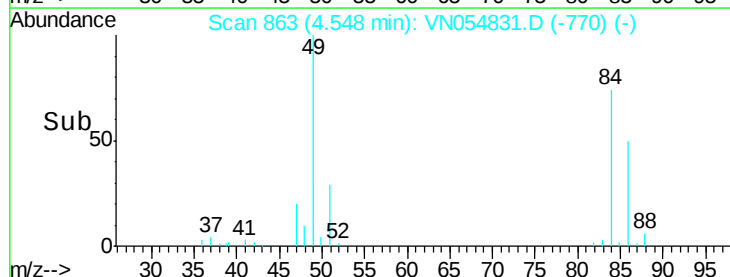
15000

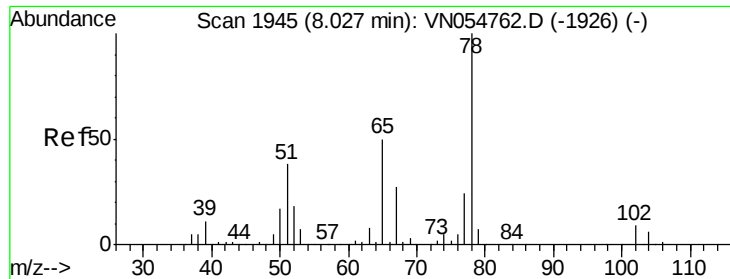
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5000

0

Time-->

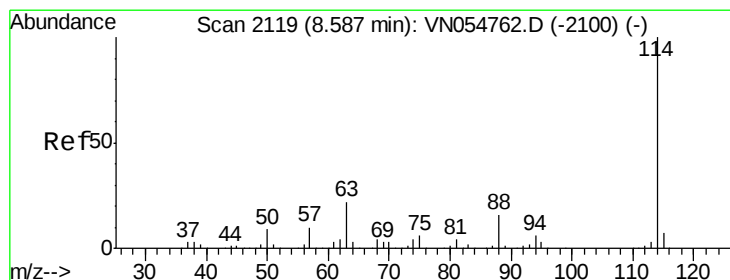
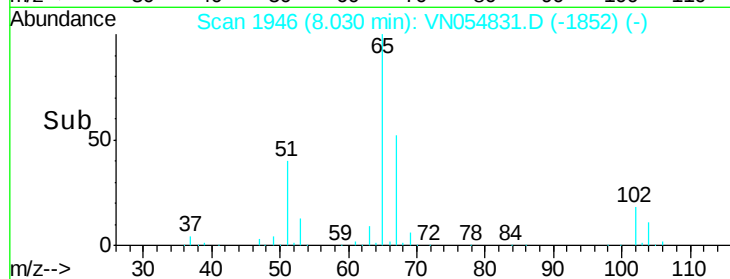
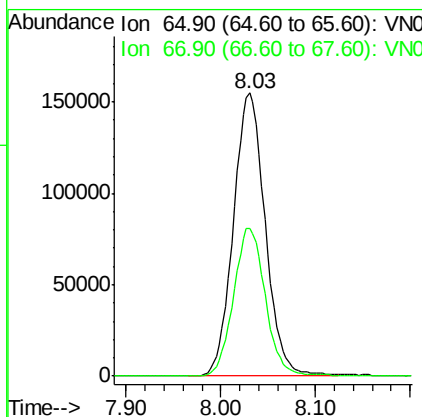
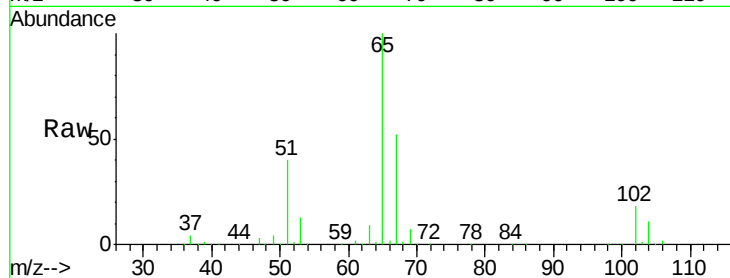




#33
 1,2-Dichloroethane-d4
 Concen: 49.859 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

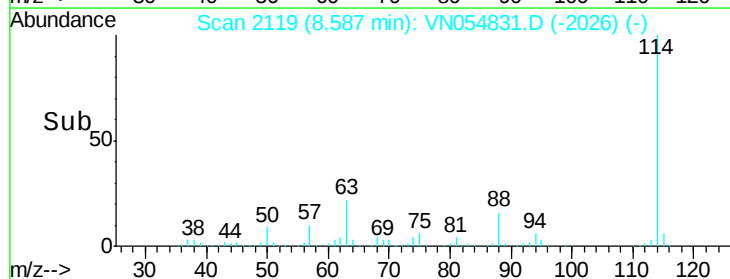
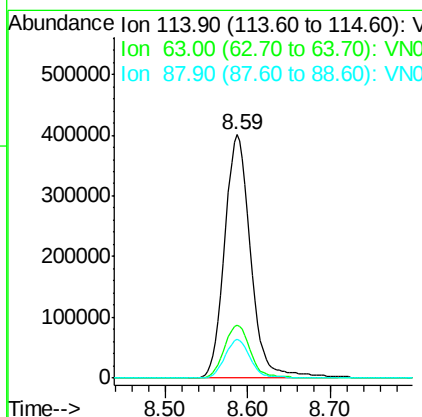
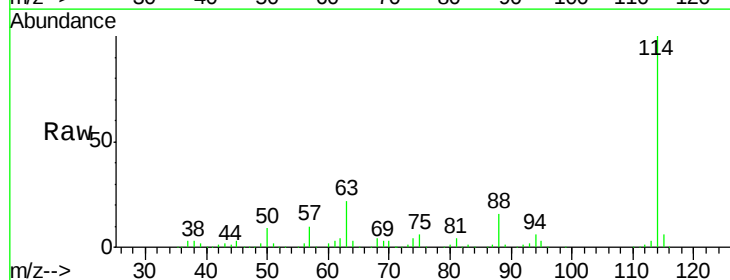
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

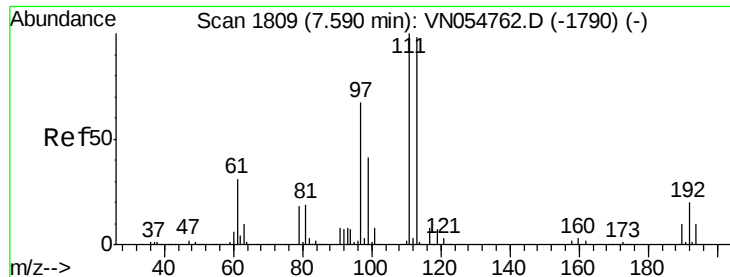
Tot Ion: 65 Resp: 362063
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054831.D
 Acq: 31 Mar 2019 4:50

Tgt Ion: 114 Resp: 877361
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.876 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

SP-2

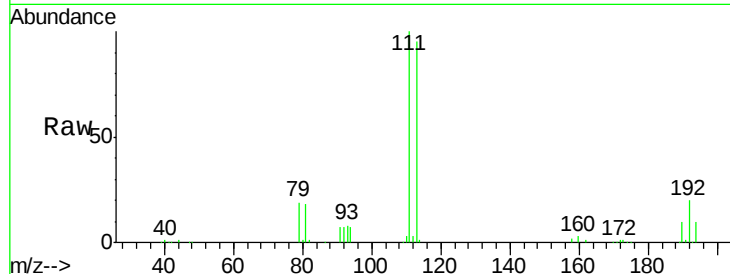
Tot Ion:113 Resp: 280040

Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

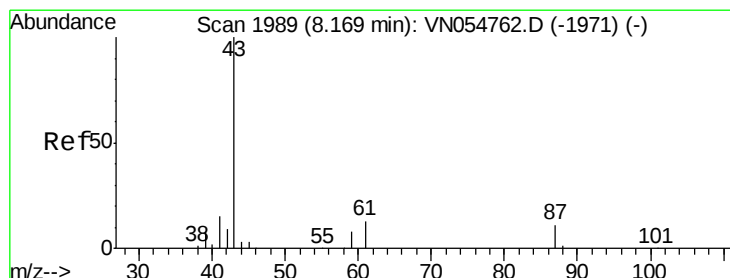
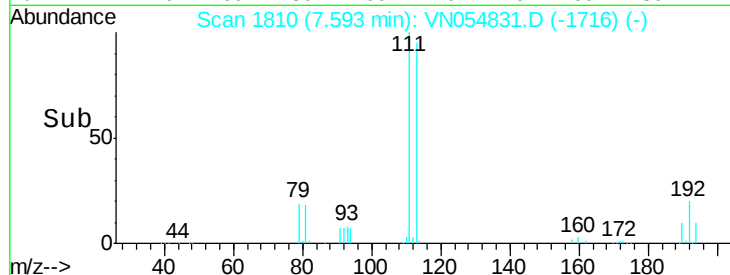
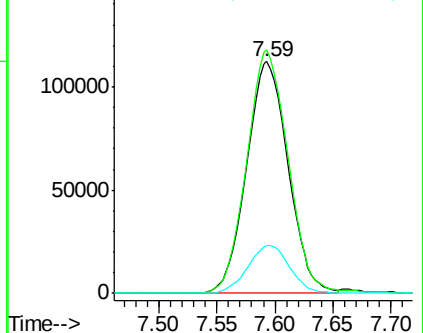
192 21.0 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 1.501 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

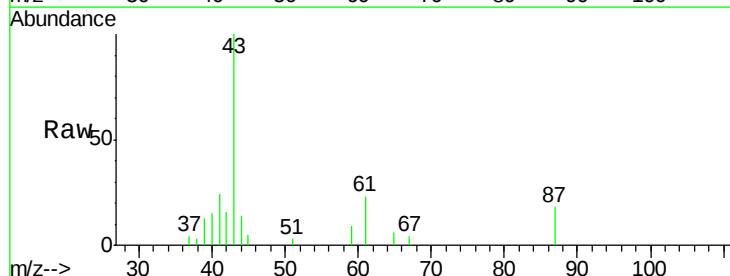
Tgt Ion: 43 Resp: 14623

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

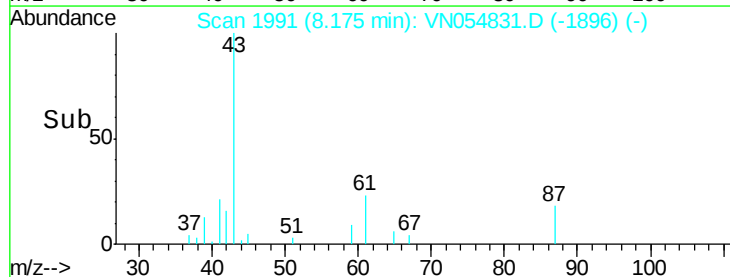
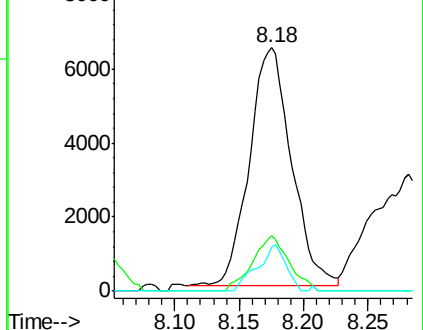
87 13.2 12.0 18.0

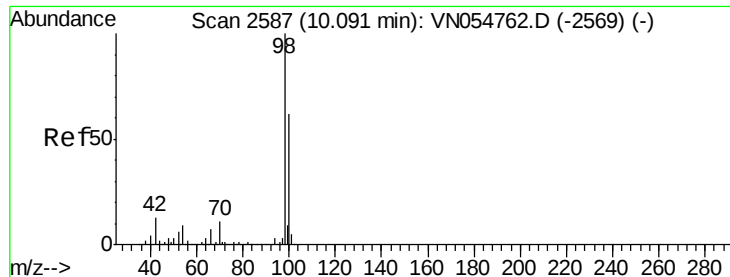


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.591 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

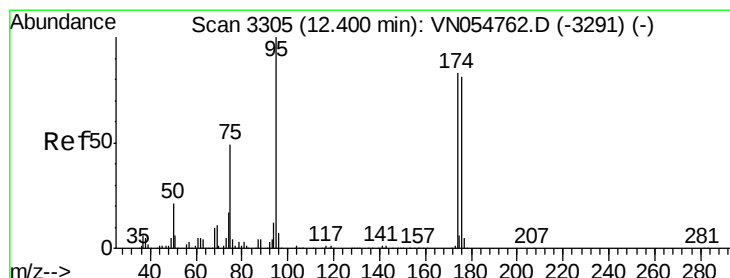
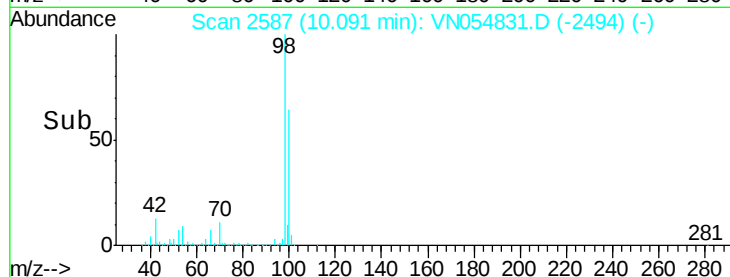
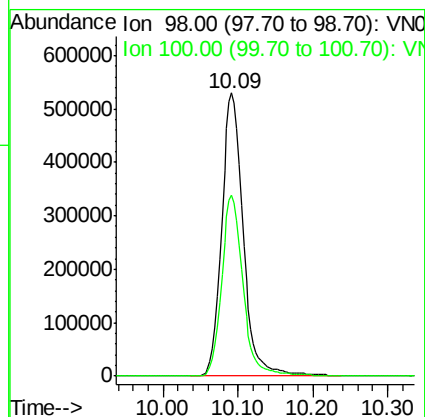
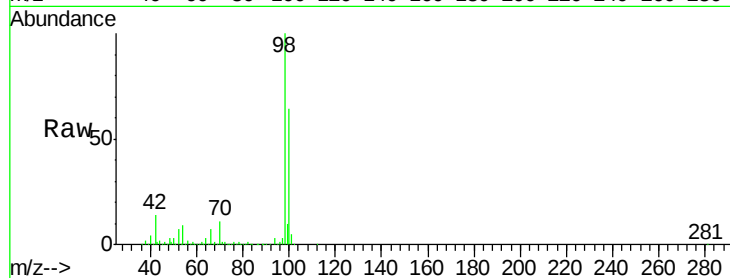
SP-2

Tot Ion: 98 Resp: 1056677

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.335 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

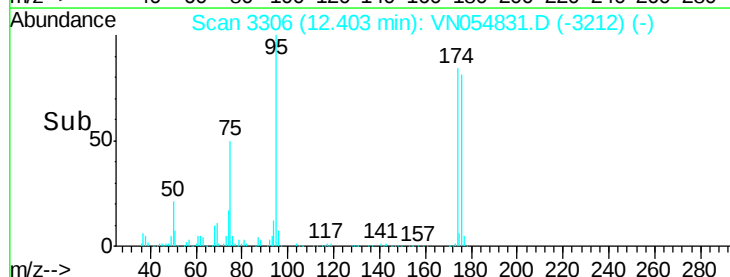
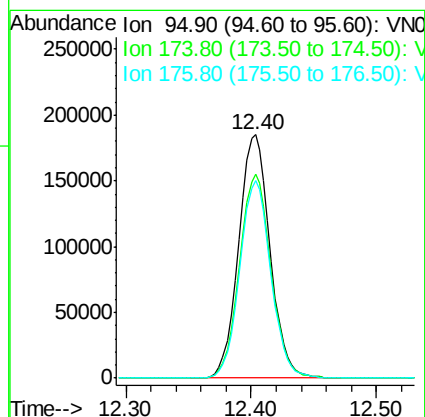
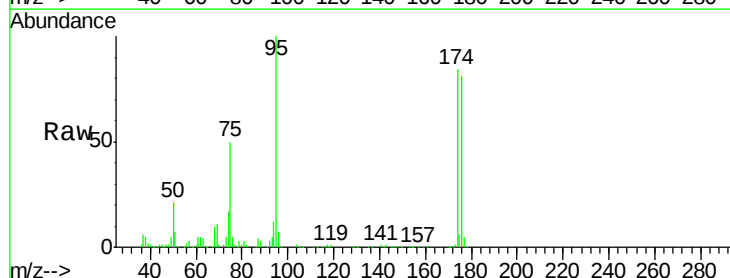
Tgt Ion: 95 Resp: 320646

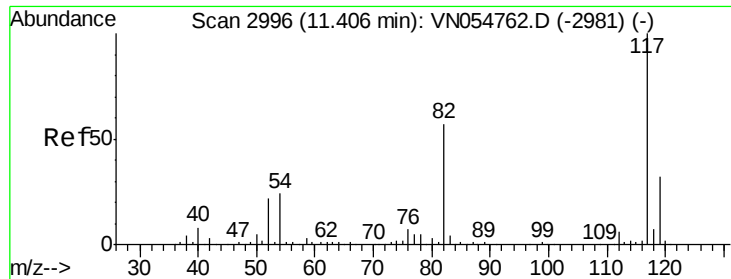
Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

176 80.7 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampled :

SP-2

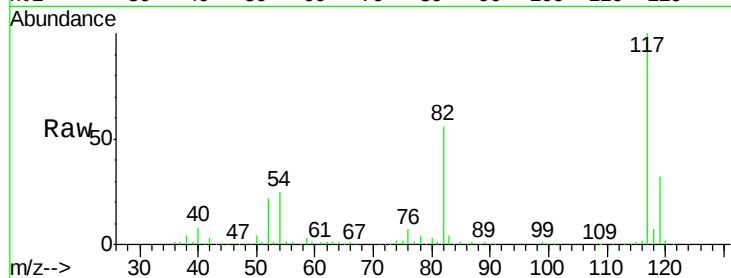
Tot Ion:117 Resp: 741191

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

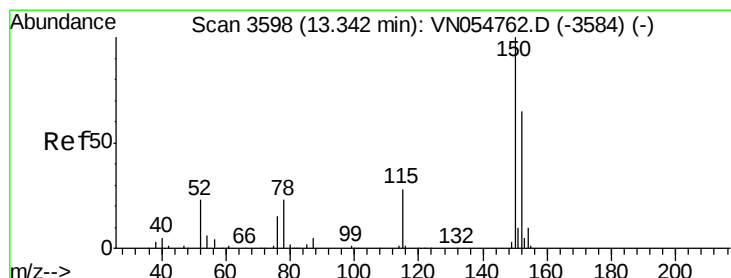
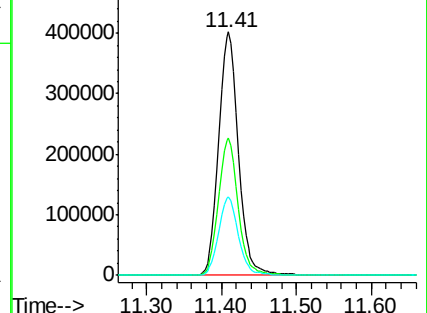
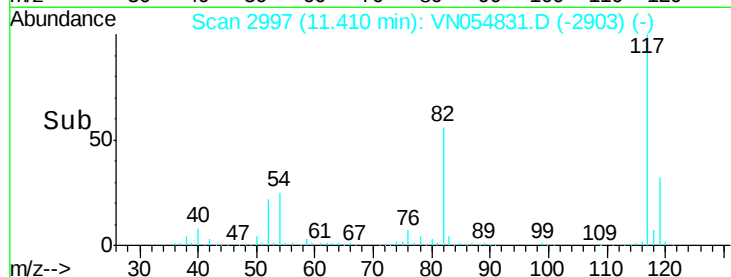
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

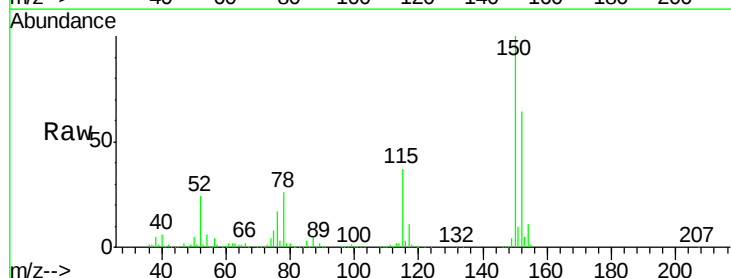
Tgt Ion:152 Resp: 266977

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

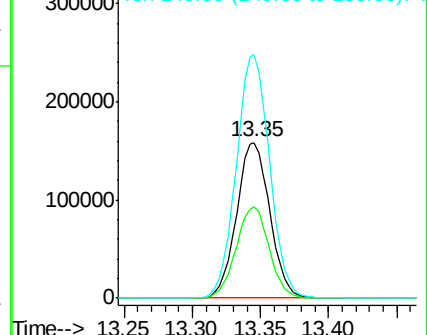
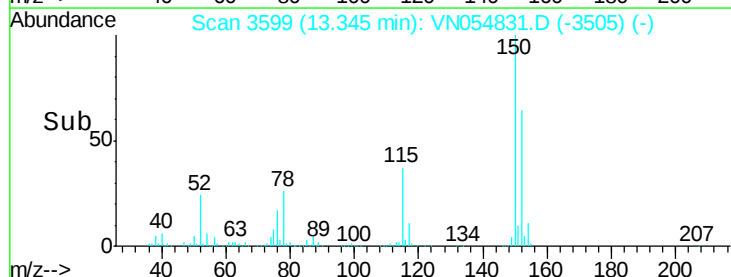
150 157.1 0.0 349.2

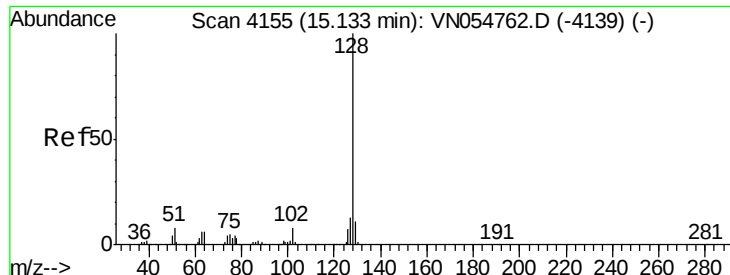


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.698 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054831.D

Acq: 31 Mar 2019 4:50

Instrument :

MSVOA_N

ClientSampleId :

SP-2

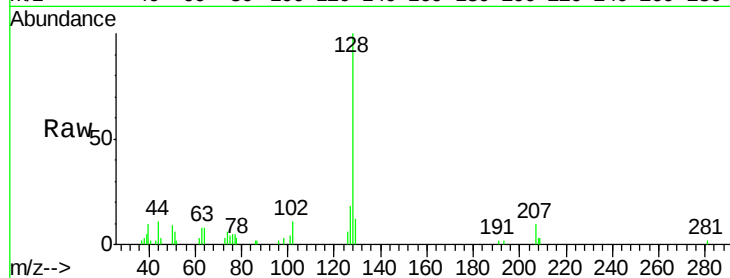
Tot Ion:128 Resp: 16343

Ion Ratio Lower Upper

128 100

127 16.6 10.1 15.1#

129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

